

Title (en)
UNDERSEA RELEASE APPARATUS.

Title (de)
UNTERWASSER FREIGABE VORRICHTUNG.

Title (fr)
APPAREIL DE DEBLOCAGE SOUS-MARIN.

Publication
EP 0677009 A4 19960403 (EN)

Application
EP 95901814 A 19941108

Priority
• US 9412848 W 19941108
• US 14889793 A 19931108

Abstract (en)
[origin: WO9513211A1] An undersea release apparatus (1) for positively releasing a connecting link (17) from an underwater device, the apparatus (1) comprising a latching mechanism on the device for latching the connecting link (17) to the device in a latched condition, and for unlatching the connecting link (17) to be free of the device in an unlatched condition. A driving mechanism (9) positively moves the latching mechanism to its unlatched condition. The driving mechanism (9) drives a rotatable cam (23) which retains a pelican hook (15) at a fixed latched position, and positively drives the pelican hook (15) from the latched position to an unlatched position. The apparatus (1) is also provided with an arming function, whereby the rotatable cam (23) is rotated in a direction opposite to that which is effective to unlatch the connecting link (17), whereby the pelican hook (15) is pivoted back to its first or latched position in which the pelican hook (15) relatches with the connecting link (17).

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CPC (source: EP US)
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Citation (search report)
• [XA] US 3889307 A 19750617 - HOUOT GEORGES SYLVAIN
• See references of WO 9513211A1

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